TITUSVILLE AMATEUR RADIO CLUB

NEWSLETTER

JUNE , 2002

PRESIDENT'S CORNER

By Bud Hughes K4CWG

I have now been there and done it. No longer will my friends have to put up with hearing me talk about going next year. Mike KG4DSG lived up to his promise and did transport me to and from the Dayton event.

I enjoyed the trip immensely. Never had been to Ohio. If you have never visited the beautiful state of Ohio, I can highly recommend you doing just that. For years Ray N4LEM has told me that he would pay for my ticket if I would go the ham fest. Upon arrival at the ham fest Mike and I visited Ray's booth. After a handshake with Ray, Mike W4LOV, Jan W4REN and a host of others from this area Ray - true to his word - reimbursed me for my ticket cost to the ham fest. You have to know Ray. There were so many of our local friends at Ray's booth I thought I was back home in Brevard County.

After having been there I wonder if it is just me or would there be enough interest among our group to consider chartering a bus next year? Of course motel reservation along with many other details would become part of the trip. Am I just dreaming? Dreams don't cost.

For Field Day I have converted my 9'x5' utility trailer into an old western covered wagon. From this trailer the sound of Morse code will fill the airwaves and hopefully there will be responses to the CQ CQ field day calls. The club voted to have the call KU4ZO as the club call. Anthony KG4CEB will navigate COM 1 to the Field day site.

Dave AC4UX will be on the 146.91 to assist anyone who needs directions to the Field Day location.

See you at the club meeting 6/25/02. Best wishes to all.

HAPPY BIRTHDAY!!!!

JUNE BIRTHDAYS

JUN 2 KE4WJV TERRY DAMPIER
JUN 4 KE4HOG NANCIE PREVATT
JUN 6 N2CTQ LOU GENCORELLI
JUN 7 K4BZJ LES WIDICK
JUN 8 KE4AEB JO JORDAN JR
JUN 10 K4EOS CLYDE LEE
JUN 12 KA4VYH BILL YOUNG
JUN 16 KR4YZ CHARLES FAGEL
JUN 18 AF7W TERRY HALLADEY
JUN 19 KF4MUV PATTY KING
JUN 21 AE4NT ARNOLD THRASH
JUN 25 AD4PP JERRY MOSKOVITZ
JUN 26 KE4BBP BUBBA STITT
JUN 27 W4CEL WARREN MURRAY
JUN 28 KD4TLR STEVE BIDWELL
JUN 29 KK4SH VINCE GONZALEZ
JUN 29 KF4FEZ GAIL CHYCOTA
JUN 30 KE4BBM NICHOLAS SARGENTI

INTERNET HACKER INFILTRATES FLORIDA BANK
From 5/02 CyberSkip

St. Petersburg, FL 2002 Apr 18. By Brian McWilliams, Newsbytes.

A large commercial bank in Florida said Wednesday that "an Internet hacker" penetrated the security of its systems earlier this month and made off with a file containing 3,600 online-banking customer names and addresses.

Officials of Republic Bank said the attacker managed to get past the bank's security firewall but did not access account balances or transactions of its online banking customers.

According to Internet records, the server hosting Republic's online bank, located at http://secure.replublic.openbank.com is operated by Atlanta based S1 Corp. [NASDAQ:SONE], a leading provider of electronic finance services to banks, credit unions, insurance providers and investment firms.

Chris Rogers, a spokesperson for S1 said the technology firm's systems and applications were not involved in the security incident at Republic. "Nothing came in through us. This had nothing to do with S1," said Rogers.

Republic Bank's main Web site at http://www.republicbankfl.com is running Microsoft's Internet Information Server (11S) version 4.0 and is hosted by Advances.com of Ft. Lauderdale.

A spokesman for Republic said the bank learned of the security breach after the attacker contacted the bank two weeks ago. Republic withheld notifying customers about the incident until Wednesday at the request of the FBI, the representative said.

Republic spokesperson Harry Costello said he had no information about why the attacker contacted the bank about the breach, or whether the individual was cooperating with Republic.

Republic's customers who do not use online banking were unaffected by the security breach, according to the company.

The bank has hired an independent team of security consultants to review its security, according to a press release.

According to Costello, Republic has begun contacting affected customers and will give them the option of changing their passwords and other sign-on information.

Republic Bank originally partnered with S1 in 1996 to become the first Florida based bank to offer Internet banking to its customers, according to a March press release.

Republic Bank is online at
http://www.republicbankfl.com

S1 Corporation is at
http://www.sl.com

CAPSULE VIEWS AND LINKS TO NEW AND INTERESTING WEBSITES
From 5/02 CyberSkip

Teens 4 Hire: With summer right around the corner, many teens are interested in temporary employment this summer. This service aims to link them with employers who could use their help. Registration is free to teenagers age 14 and older, although employers pay a fee to be listed. The site accepts all types of job openings, full-time, part-time, seasonal, vocational, apprentice, internship or volunteer. Teenagers create their own profiles on the site, and can then search jobs by category or location. When they find a job they like, they forward their profiles to the employer directly and wait for a response. **http://www.teens-4hire.org**

Edison's Miracle of Light: PBS' "The American Experience" recently featured a documentary about the inventions and personal life of Thomas Alva Edison, America's greatest inventor. This companion Web site offers a synopsis of the film and credits, a transcript of the film, an Edison timeline and selected images taken of his inventions. There is a list of Edison's 1,093 patents and further reading links consisting of references to books, articles and Web sites. **Http//www.pbs.org/wgbh/amex/edison/index.html**

History According to Herblock: Pulitzer Prize-winning Washington Post cartoonist Herb Block remained at the drawing board long enough to caricature an even dozen U.S. presidents, beginning with Herbert Hoover and ending with Bill Clinton. His first cartoons were published six months before the Wall Street crash of 1929. Now the Library of Congress is recognizing his achievement with a Web site devoted to some of the best of Herblock's many political lampoons, which together serve as a pithy, partisan lecture on political and sociological history in the 20th century. Herblock, as he was known, was an early champion of environmental issues, and also a critic with a keen eye for global issues - his jabs at Stalin, Mussolini and Hitler retain much of their force. The multifaceted online exhibit includes sections titled "Herblock's President," "The Sorcerer's Apprentice," and "Sending Forth Another Dove," among others. "I Am Not A Crook" is dedicated to the well-aimed skewer Herblock used against President Richard M. Nixon.
Http://www.loc.gov/rr/print/swann/herblock/

ALUMINUM-FOIL ANTENNAS: THE "CATFISH" YAGI
From 6/02 QST

By Nate Williams, W9GXR, Middleton, WI
I enjoyed the Doctor's answer to Bob, W6XS on page 55 of the December 2001 QST regarding an

aluminum-foil Yagi antenna. Here is the e-mail I sent Bob.

The November 1955 issue of CQ magazine carried an article on the "Catfish Special" Yagi antenna for 15 meters. This was the first Yagi I ever built and used. It was a two-element Yagi made up of bamboo poles covered with aluminum freezer foil. The thrust of the article was that the Japanese used bamboo poles painted with aluminum paint in early Yagis. The driven element was split, with a one or two-inch spacing and the Yagi was fed with 300-Ω twin lead. My Dad almost fell off our flat roof as we put this contraption on a 20-foot push-up mast, but did this antenna work out! Of course in the late 1950s, we experienced "once in a lifetime conditions" as far as propagation was concerned. Guys could work the world with AM running 20-W on 10 meters using a hunk of wire for an antenna. Concerning all the technical details, we weren't smart enough to know that it might not work, so we put the doggone thing up and started working DX. None of us had the sophisticated test equipment around today.

Try the "Catfish Special." It's cheap, fun and nobody will believe you are transmitting on freezer foil. Oh yes, the foil was held in place by tape along the elements. None of the dimensions are critical, use spacing between elements and element lengths that fit standard parameters for Yagi antennas.

THE DOCTOR IS IN
From 6/02 QST

Q. What is the correct method for mating coax connectors?

A. Before joining connectors, inspect mating surfaces for dirt, dust, debris and bent or broken contacts. When mating connectors, always turn the coupling nut rather than the body. Many connectors are destroyed by over-torquing the coupling nut. In general, the tighter you make the coupling mechanism, the better the performance. Paired connectors tend to be inductive due to gaps of various types. While tightening down on the coupling nut will close many of these gaps, it also permanently modifies the shape of the connector components.

Connectors with knurled nuts are designed to be finger tightened. A torque wrench is quite useful when mating connectors with wrench flats, like SMA and TNC connectors.

FCC PROCEEDING PUTS NEW PRESSURE ON AMATEUR MICROWAVE BAND
From 6/02 QST

In a proceeding that at least one FCC Commissioner credits wireless provider Nextel for inspiring, the FCC has again targeted Amateur Radio's primary allocation at 2390 to 2400 MHz for possible sharing or use by other radio services. A *Notice of Proposed Rulemaking* (WT Docket 02-55) - released in mid-March but not yet on public notice at press time - invited comments on either sharing the band with public safety services being displaced from 800 MHz or moving amateurs elsewhere. The ARRL plans to file comments in the proceeding.

The FCC says increasing incidents of harmful interference to public safety systems in the 800-MHz band prompted the proceeding, "Improving Public Safety Communications in the 800 MHz Band." To alleviate the problem, the Commission now is looking into restructuring the 800-MHz band and possibly moving some occupants elsewhere. It should not go unnoticed that the NPRM includes "channel realignment" plans offered by Nextel - which has holdings in the 800-MHz region - and the National Association of Manufacturers, although the FCC says those band

plans "do not exhaust the possibilities" for 800-MHz band restructuring.

Separate statements on the NPRM by FCC Commissioners Kathleen Abernathy and Kevin J Martin praised Nextel for its initiative. Added Abernathy, "Indeed, absent Nextel's initiative, it is not clear that today's NPRM would have happened." Nextel has told the FCC it would commit to pay up to $500 million toward the cost of relocating 800-MHz band public safety systems to a proposed "Public Safety Block" of channels. Some other users would be on their own, however, under Nextel's proposals.

While the FCC questioned whether the Public Safety communication problems might be resolved without relocating other users, it also offered up 2390-2400 MHz as one possibility to handle the overflow. "In this proceeding, if commenting parties believe that incumbent amateur services cannot co-exist with relocated 800 MHz services," the FCC said, "we seek comment on whether incumbent amateur services could be relocated, what spectrum could be used for their relocation, and what procedures would apply to such relocation." The FCC NPRM identifies 2390-2400 MHz as an "unlicensed PCS Band." Unlicensed, asynchronous PCS devices were authorized there in 1995, but Amateur Radio remains primary.

The FCC also will seek comments on whether existing UPCS operations could continue in the band or be forced to cease. It also wants input on "the suitability of the 2390-2400 MHz band as replacement spectrum and whether there are other band segments with which this band could be paired." The FCC noted that the adjacent 2385-2390 MHz segment already is slated for auction.

The FCC said its discussion of 2390-2400 MHz amateur segment - as well as in the non-amateur 1.9 and 2.1 GHz bands - for possible use by unspecified mobile and fixed services. The Commission has proposed 2390-2400 MHz and other bands to support the introduction of advanced wireless systems, including so-called third generation (3G) mobile systems. The FCC also has asked for comments on whether amateurs could share the band with government users.

The NPRM is available via the FCC Web site. The FCC will officially invite comments for 30 days after the NPRM is published in the *Federal Register*. Reply comments will be due 60 days following *Federal Register* publication.

FCC PROPOSES VANITY FEE INCREASE

The FCC has proposed raising the regulatory fee it charges vanity call sign applicants from $12.00 to $14.50 for the 10 year license term. The FCC included the proposed new fee in a *Notice of Proposed Rulemaking* (MD Docket No. 02-64) released March 27 to set Fiscal Year 2002 fees. The effective date will be announced in the *Report and Order* that terminates the proceeding. If it is approved, the new fee - which actually is collected in arrears - likely will become effective some time in September. The FCC has estimated that 8000 applicants would apply for vanity call signs in FY2001.

Applicants for amateur vanity call signs will continue to pay the $12.00 regulatory fee per call sign ((per 10 year license term) until the FY2002 fee schedule becomes effective. The vanity fee is paid at the time of application for a new, renewal or reinstated vanity license.

The FCC in mid April vanquished the long-standing vanity call sign application backlog that had built up as a result of mail problems last October. "We are back on track for vanity processing," an FCC Private Wireless Division Licensing and Technical Analysis Branch staff member told ARRL. While not ruling out any problems down the road, she indicated (continued on page 6)

(continued from page 5)
that everything was working fine and that the FCC had resumed its normal nightly vanity runs.

ABELL'S ANECDOTES

By Pike Abell W4EPU

A QUEST FOR THE BEST

Clara and I spent our annual two weeks of SSS (Sun, Surf and Sand) on the beach at Daytona Beach Shores during the second two weeks in May 2002.

We also took the opportunity to dine in several restaurants in that area. It seems that just about every restaurant we patronized in the Daytone Beach/Port Orange area specialize in.,or at least serve, baby back ribs. During our two weeks stay we dined on baby backs at Inlet Harbor Restaurant, Dustin's, Port Orange Steak House, Lone Star Restaurant and Saloon, and Woody's. After sampling ribs at all of those places, we did indeed have a difficult time deciding which were the best.

Our first stop was Inlet Harbor. It is our favorite restaurant in the area. I usually order baby backs there because they are always tender and tasty.

At the Lone Star they smoke their meat with mesquite wood. For that reason their ribs had a distinctly different flavor, but very good. I suppose it is simply a matter of whether you like mesquite or oak flavors. We kind of lean toward oak.

Dustin's - well Dustin's, being a franchise with restaurants throughout Central Florida, we have eaten at several of their locations. The food is always good, but we prefer any of the other places.

We had our traditional Mother's Day dinner at Woody's. We found their baby backs to be very delicious. In fact they were so good that we actually ate their twice.

The last stop on our tasting tour was the Port Orange Steak House. Their ribs were covered in a comparatively thicker and slightly sweeter layer of sauce. We liked the flavor of their ribs best of all. The only thing, the sauce being thick and sticky, got all over our fingers while handling them. To use a phrase already coined by someone, one could say "They were finger licking good".

As stated above, the Inlet Harbor Restaurant at Ponce Inlet is our favorite eating place in that area. The food is great. All things considered as far as restaurants are concerned (atmosphere, food, service, prices, et.), we give it an excellent rating. In addition to the inside area they have a large outside pavilion on the Inter-coastal waterfront. Most of the time they have a live band or disk jockey outside. You can watch boats cruising up and down the Inter-coastal waterway, while dining and listening to live music. To get there from US-1 or I-95 exit 85-cross the Halifax River bridge at Port Orange. Turn right on Atlantic Avenue. Go about 5 miles. Turn right at the Inlet Harbor Restaurant sign.

Bon Appetit.....73s es 88s

MAY MINUTES
By KF4HTB Becky Lee

The meeting opened with the usual ceremonies of Pledge of Allegiance, moment of silence, introduction of members and guests and Harmonica Bill's musical tribute to those having birthdays in May.

Stephanie K4MVO highlighted upcoming events during the month of June.

Bud K4CWG told members about the illness of Bob Nedimyer W4VQB

He also updated members on the new repeater. It should ship on May 31.

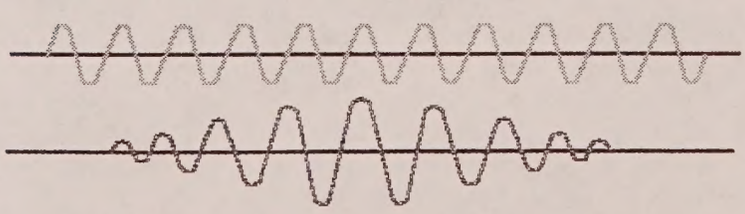
The balance of the meeting was taken up with plans for Field Day which is June 22 & 23, which will be held at the usual place - the city water plant off S. Barna.

The equipment needed was discussed (rigs, antennas, etc.).

The club voted to use KU4ZO (Sherry's call sign) as the field day call.

Ozzie N4SCY is to take care of contacting elected officials, news media, etc. He will also bring a solar panel to field day.

Stephanie will set up a table and hand out brochures to guests.



TREASURERS REPORT
By Becky Lee, KF4HTB

Balance forward from 2001	$4574.11
Deposits Year to Date	1732.69
TOTAL INCOME	**$6306.80**
Expenditures	3865.66
BALANCE AS AT 5/30/02	**$2441.14**

CLUB OFFICERS

President: Bud Hughes, K4CWG. 269-0779
V.Pres: Ozzie Osband, N4SCY. 321-LIFTOFF
Sec/Treas: Becky Lee, KF4HTB, 267-9375

ELECTED BOARD MEMBERS

Pat Renninger, KF4LTY. 267-9431
John Renninger, KE4ZPA. 267-9431
Ralph Hall AE4LE
Sherry Hughes, KU4ZO. 269-0779

REPEATER CUSTODIAN BOARD

Les Griner, K4SJC (146.91) 267-1565
Warren Murray, W4CEL (146.97) 638-5476
Dave McLean, WB4SIG (444.15) 267-6181
Larry Carr, WB9MFJ (Packet-Rose Node) 268-4114

CLUB INFORMATION

Meetings: Monthly on 4th Tuesday at 1900 hrs. at Jaycee Building

Newsletter Editors: KF4HTB Becky Lee
K4EOS Clyde Lee

Nets: **VIP**-Thursdays at 1000 hrs. 146.910
Friendship-Thursdays at 1830 hrs. 146.910
Mosquito-Wednesdays at 1900 hrs. 28.333
Traders-Mondays at 1000 hrs 146.910
Red Eye-Sundays 6AM-7AM 7.165 MHz

TITUSVILLE AMATEUR RADIO CLUB
P. O. BOX 73
TITUSVILLE FL 32781-0073

FIELD DAY - JUNE 22 AND 23

HAMFESTS: 07/26-27 MILTON
08/17 FT. PIERCE
08/24 TAMPA
09/14-15 MELBOURNE
09/21 NEW PORT RICHEY
09/28 DAYTONA BEACH
10/12 STARKE
10/19 JACKSONVILLE
11/09 PORT ST. LUCIE
11/23 OKEECHOBEE

MEMBERSHIP UPDATE

Total membership: 206 (142 regular, 46 family, 12 honorary, 6 other)

NEW MEMBERS: None

RENEWALS:

KE4BBJ CHARLIE PROSSER
KE4BBK ORA PROSSER
KE4BBP BUBA STITT
K4EOS CLYDE LEE
KF4HTB BECKY LEE
KF4IGN DORIS GIONET
KG4NDD DAVID MARQUARDT
N4NMB HOLLAND STARKEY
NE4XT BILL DIMEO
K4ATD ANGIE DIMEEO